

# Exhibit 22



UNITED STATES  
PATENT AND TRADEMARK OFFICE

## 3,408 results for "Assignee name: "bank of america corporation" and Conveyance type: "assignment""

Reel/frame ⓘ	Execution date	Conveyance type ⓘ	Assignee (Owner)	Patent	Publication	Properties
041928/0160	Apr 1, 2017	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170212782	1
040394/0676	Nov 21, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170169670	1
040022/0677	Oct 13, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170235454	1
040022/0313	Oct 13, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170235452	1
040021/0880	Oct 13, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170235453	1
039607/0494	Aug 22, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9681471		1
039117/0077	Jun 30, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9760124		1

Reel/frame	Execution date	Conveyance type	Assignee (Owner)	Patent	Publication	Properties
038976/0875	Jun 19, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9747539		1
038971/0070	Jun 16, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9665818		1
038906/0900	Jun 10, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9697388		1
039227/0020	May 17, 2016	CORRECTIVE ASSIGNMENT TO CORRECT THE THIRD ASSIGNOR'S DOC DATE PREVIOUSLY RECORDED ON REEL 038719 FRAME 0763. ASSIGNOR(S) HEREBY CONFIRMS THE ASSIGNMENT.	BANK OF AMERICA CORPORATION	9760646		1
038719/0763	May 17, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9760646		1
038549/0196	May 5, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170244727	1
038548/0723	May 5, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170244708	1

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038548/0363	May 5, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170244717	1
038294/0462	Apr 15, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9715793		1
038294/0371	Apr 15, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9747758		1
038456/0288	Apr 5, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9741048	20160260114	1
038210/0766	Mar 28, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170250885	1
038187/0109	Mar 17, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9684588		1
037965/0075	Mar 11, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	9613385	20160140680	1
038548/0098	Mar 10, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170243214	1

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038548/0142	Mar 10, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170243287	1
038547/0976	Mar 10, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170243025	1
038547/0899	Mar 10, 2016	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	BANK OF AMERICA CORPORATION	NONE	20170244720	1